Fig 1

100

Processor/Controller

OXC/LR ~ 104

O

O

Processor/Controller

OADM ~ 102

O

E

E

GWY ~ 112

Softswitch ~ 106

SS7 ~ 108

5ESS ~ 116

Router ~ 114

E

Fig. 2

300

304

End-Point Applications
(Routing, Net. Reconfig.,
etc.)

302

306

Signaling
Interface
Unit
(SS7,
H323,
SIP, etc.)

312

OXC/OADM
/OSN
Signaling
Interface

OUNI

Signaling
and Call
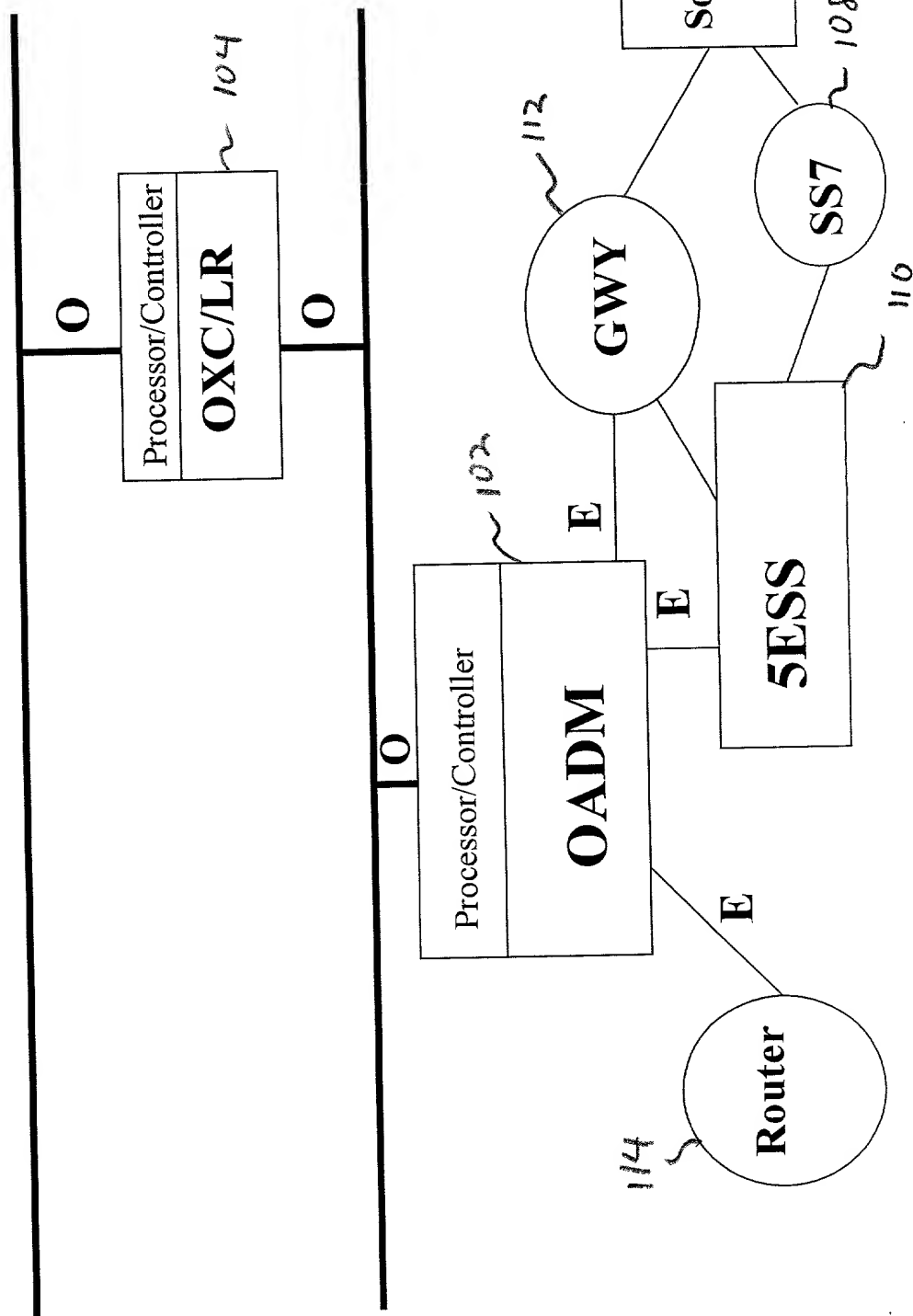**Control**

System
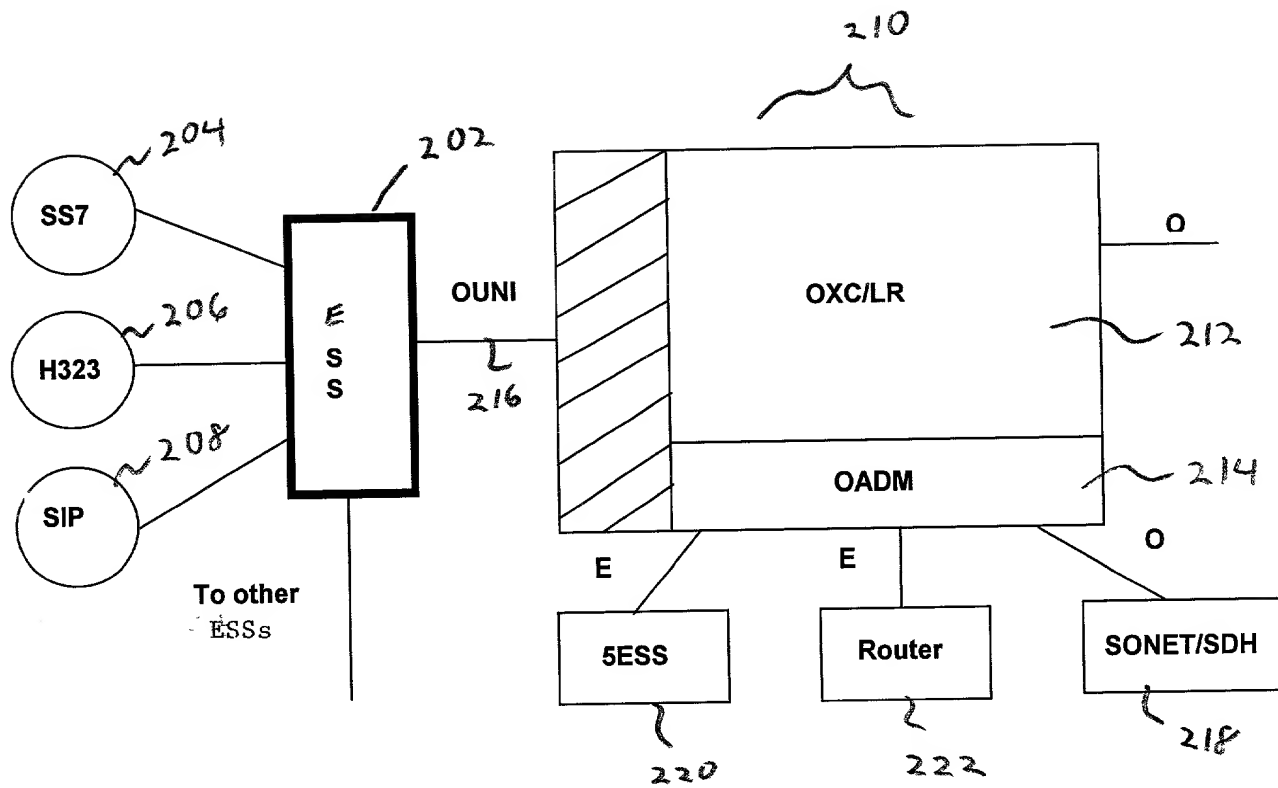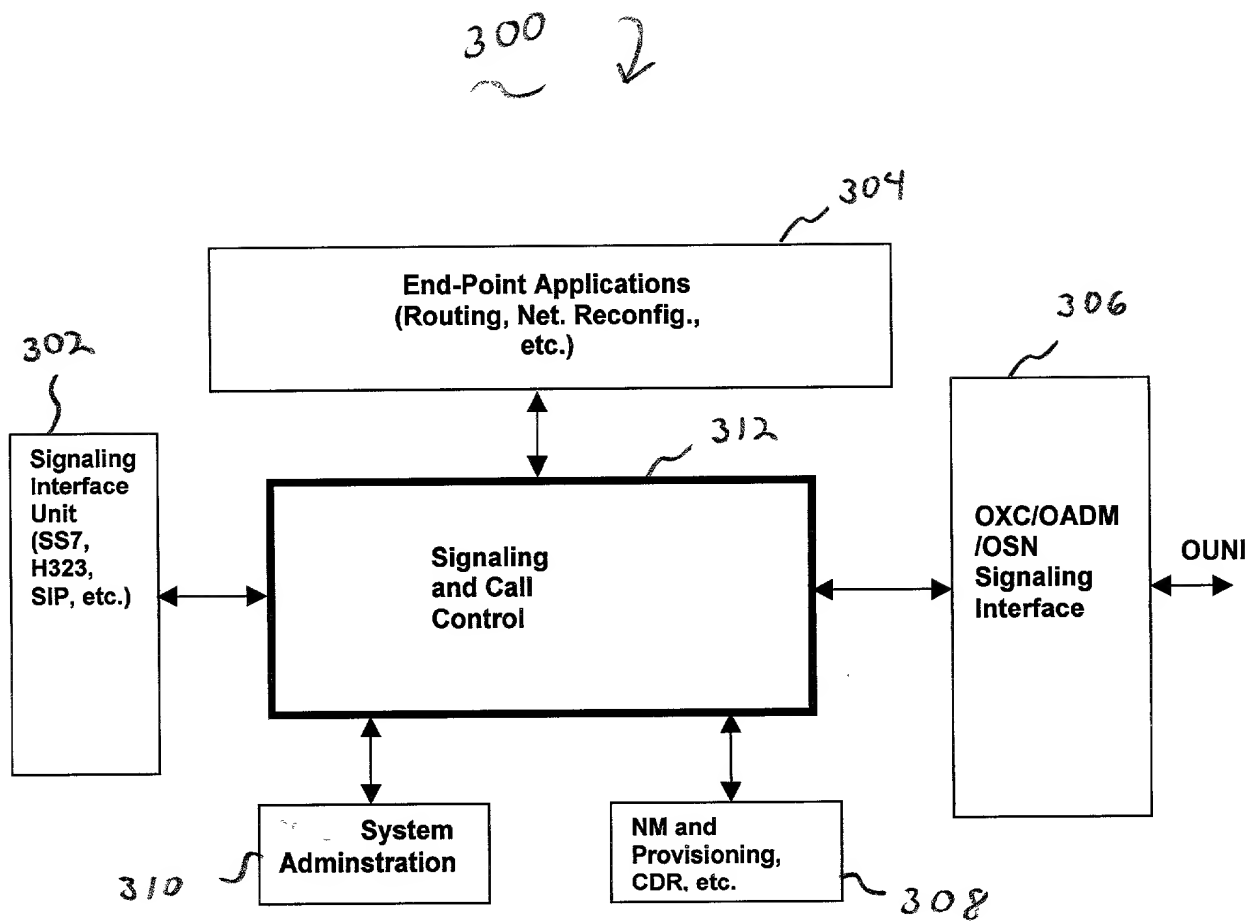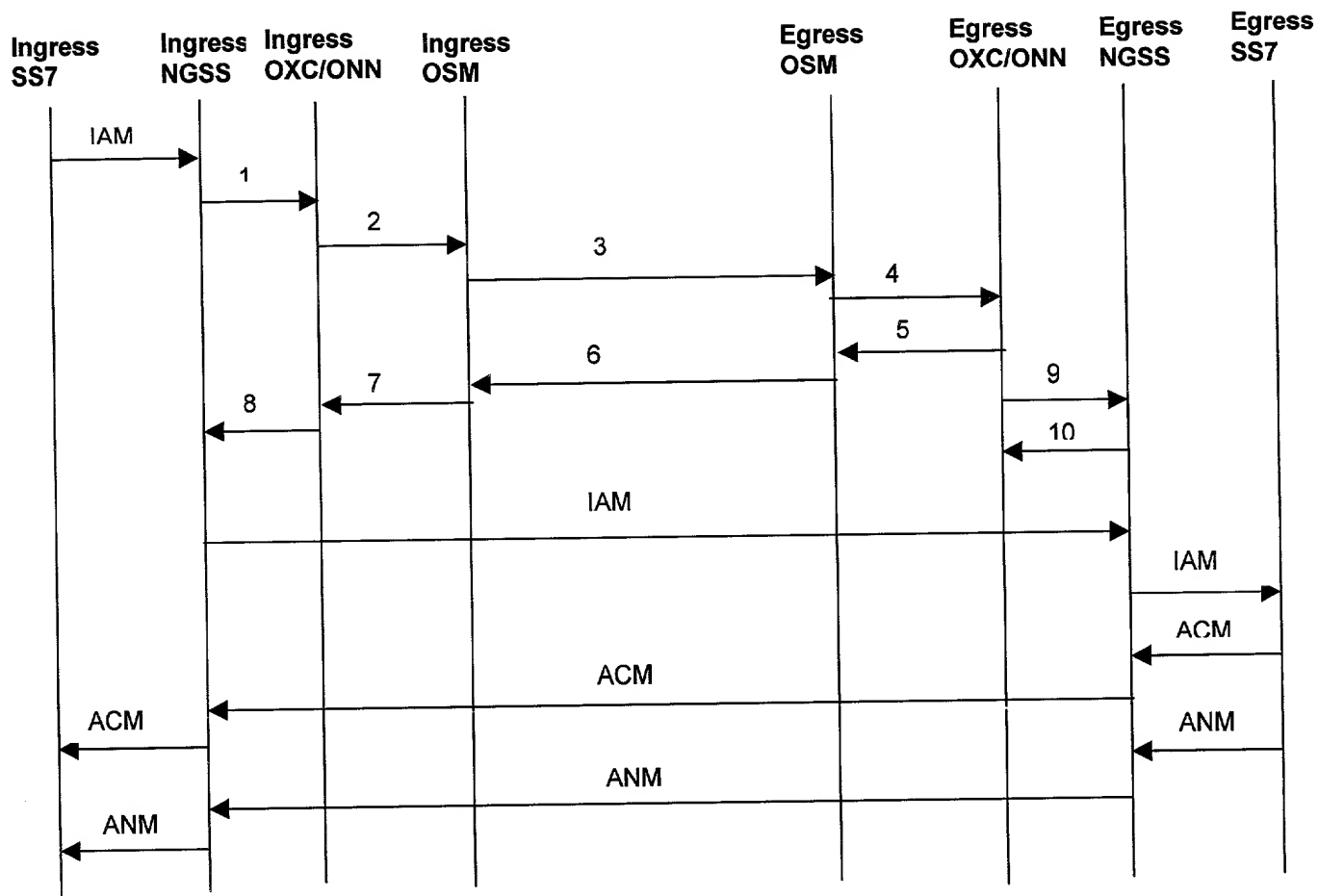Adminstration

310

NM and
Provisioning,
CDR, etc.

308

Figure (3): NESS Functional Modules

Figure (4): SS7 Example Call Flow with NESS